

Amendments to the Claims

1. (Currently amended) A method of upgrading system software of a home appliance, the method comprising:

a home server periodically performing the following two actions within a relatively short amount of time:

(1) reading a system software version of a selected home appliance from among a plurality of home appliances, and

(2) reading a latest system software version corresponding to the selected home appliance from an appliance company server,

wherein the system software of the selected home appliance is ~~to be~~ upgraded among said plurality of home appliances,

wherein the home server is remotely connected to an appliance company server over an Internet connection and the home server is connected to each of said plurality of home appliances in a local home network,

wherein the selected home appliance communicates via the home server and over the Internet connection with the appliance company server,

wherein the local home network is a local area network,

wherein the home server is a centralized local home server, which determines which one of said plurality of home appliances connected to the home server in the local home network require a software update, without the plurality of home appliances individually making any determination about the software update,

wherein a two-way communication connection is established between the home server and the appliance company server,

wherein the home server is a home appliance, which is always in 'on' state;

~~the home server reading a latest system software version corresponding to the selected home appliance from the appliance company server;~~

the home server comparing the system software version of the selected home appliance in the local home network with the latest system software version of a

corresponding home appliance in the appliance company server, without any help from the appliance company server;

if the home server determines that the latest system software version of the corresponding home appliance in the appliance company server is newer than the system software version of the selected home appliance in the local home network, downloading the latest system software of the corresponding home appliance from the appliance company server to the home server; and

the home server replacing the system software of the selected home appliance with the downloaded system software through the local home network by copying the downloaded system software from the home server to the selected home appliance.

2-3. (Cancelled)

4. (Currently amended) A method of upgrading system software of a home appliance, the method comprising:

a home server receiving a data broadcasting signal including upgrade information of a system software of the plurality of home appliances from a broadcasting station, wherein the upgrade information is provided from an appliance company server to the broadcasting station, wherein the home server is remotely connected to the appliance company server over an Internet and the home server is connected to each of the plurality of home appliances in a local home network, wherein the home server is the home appliance which is always in 'on' state

~~displaying a data broadcasting which provides upgrade information of a system software of home appliances from an appliance company server to a plurality of home servers, wherein each home server is connected to a plurality of home appliances in a local area network and to the appliance company server over a remote network connection;~~

the home server selecting the a system software of the a home appliance to be updated from the upgrade information received data broadcast;

the home server downloading the selected system software from the appliance company server to the home server through the Internet, ~~wherein the home server is connected to the home appliance in a local home network~~; and

the home server replacing the system software of the home appliance at home with the downloaded system software by copying the downloaded system software from the home server to the home appliance over the local home network,

wherein the home server is a centralized local home server, which determines which one of the plurality of home appliances in the local home network require a software update, and

wherein a two-way communication connection is established between the home server and the appliance company server.

5. (Original) The method of claim 4, wherein the home server is a set top box connected to a digital television receiver.

6-8 (Cancel)

9. (New) The method of claim 4, wherein the upgrade information includes link information of the appliance company server.